

SEP-20-2005 15:03

BC IP DIVISION

RECEIVED
CENTRAL FAX CENTER

5136261355 P.04/06

SEP 20 2005

Please type a plus sign (+) inside this box → (+)

PTO/SB08A/B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 1

COMPLETE IF KNOWN

Application Number	10/802,166
Confirmation Number	4150
Filing Date	March 17, 2004
First Named Inventor	James Robert Schwartz
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	9184M

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.†	DOCUMENT NUMBER Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Child Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.†	FOREIGN PATENT DOCUMENT Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Child Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T†
GAH	1	EP-37318 A1	10-07-1981	COUSSE, HENRI	Abstract	
EXAMINER	E. H. H. H.		DATE CONSIDERED 11/10/05			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 *Applicant's unique citation designation number (optional). †See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 801.04. ‡Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). §For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ¶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO-SB08

(Revised for P&G use 11/5/2004)

Please type a plus sign (+) inside this box → [+]

PTO/SB08A/B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

COMPLETE IF KNOWN

Application Number	10/802,166
Confirmation Number	4150
Filing Date	March 17, 2004
First Named Inventor	James Robert Schwartz
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	9184M

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

SHEET 1 of 1

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
SA	1	US-5462589 A	10-31-1995	NICHOLAS, D.	
SA	2	US-5874476 A	02-23-1999	HSU, ADAM	
SA	3	US-5880076 A	03-09-1999	VERMEER, ROBT.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

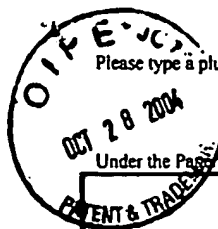
FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
SA	4	GB-761171	11-14-1956	OLIN MATHIESON		
EXAMINER	<i>[Signature]</i>		DATE CONSIDERED 11/10/05			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents; the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Please type a plus sign (+) inside this box → [+]

PTO/SB08A/B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 3

COMPLETE IF KNOWN

Application Number	10/802,166
Confirmation Number	4150
Filing Date	March 17, 2004
First Named Inventor	James Robert Schwartz
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	9184M

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
GA	1	US-2396278	03-12-1946	LIND, OTTO	
GA	2	US-2438091	03-16-1948	LYNCH, KATHRYN L.	
GA	3	US-2486921	11-01-1949	BYERLY, DAVID R.	
GA	4	US-2486922	11-01-1949	STRAIN, BRUCE	
GA	5	US-2528378	10-31-1950	MANNHEIMER, HANS S.	
GA	6	US-2658072	11-03-1953	KOSMIN, MILTON	
GA	7	US-2694668	11-16-1954	FRICKE, HOWARD H.	
GA	8	US-2786847	03-26-1957	CISLAK, FRANCIS E.	
GA	9	US-2798053	07-02-1957	BROWN, HAROLD P.	
GA	10	US-2809971	10-15-1957	BERNSTEIN, J. ET AL.	
GA	11	US-2826551	03-11-1958	GEEN, HENRY C.	
GA	12	US-3152046	10-06-1964	KAPRAL, ALES M.	
GA	13	US-3155591	11-03-1964	HILFER, HARRY	
GA	14	US-3236733 A	02-22-1966	KARSTEN, KEN. ET AL.	
GA	15	US-3332880	07-25-1967	KESSLER, ADRIAAN	
GA	16	US-3589999	06-29-1971	MCRAE, W. A. ET AL.	
GA	17	US-3590035	06-29-1971	DAMICO, RALPH A.	
GA	18	US-3753196	08-14-1973	KURTZ, ANTHONY D.	
GA	19	US-3761418	09-25-1973	PARRAN, JOHN J.	
GA	20	US-3773770	11-20-1973	DAMICO, RALPH A.	
GA	21	US-3852441	12-03-1974	KOOISTRA, JR., JOHN A.	
GA	22	US-3929678	12-30-1975	LAUGHLIN, ROBERT G.	
GA	23	US-3940482	02-24-1976	GRAND, PAUL SHELDON	
GA	24	US-3959461	05-25-1976	BAILEY, AUGUST V.	
GA	25	US-3964500	06-22-1976	DRAKOFF, RAYMOND	
GA	26	US-4055655	10-25-1977	MAURER, G.L. ET AL.	
GA	27	US-4089945	05-16-1978	BRINKMAN, RICHARD E.	
GA	28	US-4152416	05-01-1979	SPITZER, JOSEPH G.	
GA	29	US-4161526 A	07-17-1979	GORMAN, WILLIAM G.	
GA	30	US-4197865	04-15-1980	JACQUET, BERNARD	
GA	31	US-4217914	08-19-1980	JACQUET, BERNARD	
GA	32	US-4323683	04-06-1982	BOLICH, RAYMOND E.	
GA	33	US-4345080	08-17-1982	BOLICH, RAYMOND E.	
GA	34	US-4364387	12-21-1982	LARKIN, MARK E.	
GA	35	US-4379753	04-12-1983	BOLICH, RAYMOND E.	
GA	36	US-4381919	05-03-1983	JACQUET, BERNARD	
GA	37	US-4387090	06-07-1983	BOLICH, RAYMOND E.	
GA	38	US-4422853	12-27-1983	JACQUET, BERNARD	
GA	39	US-4470982	09-11-1984	WINKLER, WILLIAM M.	
GA	40	US-4507280	03-26-1985	POHL, STANLEY	
GA	41	US-4529586	07-16-1985	DE MARCO, RICHARD	
GA	42	US-4608183	08-26-1986	ROSSMOORE, HAROLD	
GA	43	US-4663158	05-05-1987	WOLFRAM, LESZEK J.	
GA	44	US-4666616	05-19-1987	ROSSMOORE, HAROLD	
GA	45	US-4670430	06-02-1987	IMAMURA, TAKASHI	
GA	46	US-4686254	08-11-1987	LOCHHEAD, ROBERT Y.	
GA	47	US-4704272	11-03-1987	OH, YOUNG S.	
GA	48	US-4788006	11-29-1988	BOLICH, RAYMOND E.	
GA	49	US-4834767	05-30-1989	HELIOFF, MICHAEL W.	
GA	50	US-4885107	12-05-1989	WETZEL, THOMAS A.	

GA 11/10/05

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 2 of 3

COMPLETE IF KNOWN

Application Number	10/802,166
Confirmation Number	4150
Filing Date	March 17, 2004
First Named Inventor	James Robert Schwartz
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	9184M

U. S. PATENT DOCUMENTS (continued)

SA	51	US-4898585	02-06-1990	BORSANYI, ALEXANDER	
SA	52	US-5057153	10-15-1991	RUGGIERO, MURRAY A.	
SA	53	US-5104646	04-14-1992	BOLICH, RAYMOND E.	
SA	54	US-5106609	04-21-1992	BOLICH, RAYMOND E.	
SA	55	US-5227156 A	07-13-1993	WEISE, ROBERT S.	
SA	56	US-RE 34584	04-12-1994	GROTE, MARK B.	
SA	57	US-5518774 A	05-21-1996	KAPPOCK, PAUL ET AL.	
SA	58	US-5540954 A	07-30-1996	NICHOLAS, DARREL D.	
SA	59	US-5562995 A	10-08-1996	KAPPOCK, PAUL S.	
SA	60	US-5614538 A	03-25-1997	NELSON, JOHN D. JR.	
SA	61	US-5674478	10-07-1997	DODD, MICHAEL T.	
SA	62	US-5696169 A	12-09-1997	ARIMA, YAENO ET AL.	
SA	63	US-5750122	05-12-1998	EVANS, JOEL F.	
SA	64	US-5798121	08-25-1998	CAUWET, D.	
SA	65	US-5837661	11-17-1998	EVANS, MARK D.	
SA	66	US-5854319	12-29-1998	O'LENICK, ANTHONY J.	
SA	67	US-5883154 A	03-16-1999	KAPPOCK, PAUL S.	
SA	68	US-5939203	07-17-1999	KAPPOCK, PAUL ET AL.	
SA	69	US-6017562	01-25-2000	KAUFMAN, C.W. ET AL.	
SA	70	US-6034043 A	03-07-2000	FUJIWARA, MITSUKO	
SA	71	US-6309628	10-30-2001	ANSMANN, A.	
SA	72	US-6333040	12-25-2001	BOYXEN, N.	
SA	73	US-RE37793 E	07-16-2002	DOMENICO	EQUIVALENT TO WO-99-21568 A1
SA	74	US-6495538 B2	12-17-2002	FLISS, HENRY	
SA	75	US-2003/0119805 A1	06-26-2003	FLISS, HENRY	
SA	76	US-6774096 B1	08-10-2004	PAYE, MARC	
SA	77	US-2004/0167114 A1	08-26-2004	FLISS, HENRY	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
SA	1	GB	849433		09-28-1960	WOOLSTON, RAYMOND		
SA	2	GB	2141929 A		01-09-1985	VICTORIA STATE		
SA	3	GB	2230190 A		10-17-1990	IMPERIAL CHEMICAL IND.		
SA	4	EP	0077630 B1		04-17-1985	BEECHAM GROUP PLC		
SA	5	EP	1161869 A		12-12-2001	SHISEIDO CO LTD.		
SA	6	FR	2593801 A1		08-07-1987	MIKROKEMIA IPARI		
SA	7	JP	52 092881 A		08-04-1977	NONOGAWA SHOJI KK	ABSTRACT ONLY	T
SA	8	JP	HEI 6[1994]-134227		05-17-1994	SHINTO PAINT CO., LTD.		T
SA	9	JP	HEI 7 [1995]-118103		05-09-1995	DAIWA CHEMICAL		T
SA	10	WO	94/10973 A1		05-26-1994	UNILEVER		
SA	11	WO	96/25913 A		08-29-1996	UNILEVER PLC.		
SA	12	WO	98/47372 A1		10-29-1998	OLIN CORP		
SA	13	WO	99/59540 A1		11-25-1999	THE BOOTS CO.		
SA	14	WO	01/00021 A		01-04-2001	ARCH CHEM		
SA	15	WO	01/00151 A		01-04-2001	ARCH CHEM; P&G		
SA	16	WO	01/41727 A1		06-14-2001	ETHICON		
SA	17	WO	01/93817 A1		12-13-2001	CASERO		
SA	18	WO	02/32381 A2		04-25-2002	PROCTER & GAMBLE		
SA	19	WO	02/076422 A1		10-03-2002	L'OREAL		T
SA	20	WO	02/080943 A1		10-17-2002	FLISS, HENRY		
SA	21	WO	03/088957 A1		10-03-2003	PROCTER & GAMBLE CO.		
SA	22	WO	03/082229 A1		10-09-2003	SHISEIDO	ABSTRACT ONLY	T
SA	23	WO	03/088965 A1		10-30-2003	PROCTER & GAMBLE CO.		

Substantive 10/1/03

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 3 of 3

COMPLETE IF KNOWN

Application Number	10/802,166
Confirmation Number	4150
Filing Date	March 17, 2004
First Named Inventor	James Robert Schwartz
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	9184M

NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
SA	1	SAXTON, CHARLES A. ET AL., "Anti plaque effects and mode of action of a combination of zinc citrate and a nonionic antimicrobial agent", <u>Scandinavian Journal of Dental Research</u> , June 1988, p. 212-217, vol. 96, no. 3, XP-001079620, Copenhagen, Denmark.	
SA	2	<u>Encyclopedia of Polymer Science and Engineering</u> , 1989, pp. 204-308, Vol. 15, Second Edition, John Wiley & Sons, Inc.	
SA	3	D.J. BURGESS, "Practical Analysis of Complex Coacervate Systems", <u>Journal of Colloid and Interface Science</u> , Nov. 1990, pp. 227-238, Vol. 140, No. 1, Academic Press, Inc.	
SA	4	<u>CTFA Cosmetic Ingredient Dictionary</u> , 1982, 3 rd Edition, The Cosmetic, Toiletry, and Fragrance Association, Inc., Washington, D.C. (book not enclosed)	
SA	5	VAN OSS, C.J., "Coacervation, Complex-Coacervation and Flocculation", <u>J. Dispersion Science and Technology</u> , 1989, pp. 561-573, Vol. 9 (5,6), Marcel Dekker, Inc.	
SA	6	NOLL, WALTER, <u>Chemistry and Technology of Silicones</u> , 1968, Academic Press, Inc., New York, NY. (book not enclosed)	
SA	7	McCUTCHEON, <u>Emulsifiers and Detergents</u> , 1989, MC Pub Co. (book not enclosed)	
SA	8	BASF, "Z-Cote microfine zinc oxide", XP-002287832, 2000, P. 1-7.	
SA	9	VAN CUTSEM, J. ET AL, XP-002288119, <u>Journal of the American Academy of Dermatology</u> , 1998, Vol. 22, No. 61, p. 993-998, Amsterdam.	
EXAMINER		DATE CONSIDERED	

NOV 15 2005

Please type a plus sign (+) inside this box → (+)

PTO/SB08A/B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) SHEET 1 of 1	COMPLETE IF KNOWN	
	Application Number	10/802,166
	Confirmation Number	4150
	Filing Date	March 17, 2004
	First Named Inventor	James Robert Schwartz
	Group Art Unit	1616
	Examiner Name	
	Attorney Docket Number	9184M

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
2/1	1	EP-37318 A1	10-07-1981	FABRE SA, PIERRE		T
5/0	2	FR-2478467	09-25-1981	FABRE SA, PIERRE	Search History	
EXAMINER <i>Smith</i>			DATE CONSIDERED 11/23/05			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.15 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO-SB08